CLAIM AMENDMENTS

Amended claims: 1, 3-12. Canceled claim 2. Added new claims 13-20.

1. (Currently Amended) A process for the preparation of detergents, comprising
separating ~~the~~ a hydrocarbonaceous product stream from a Fischer-Tropsch process producing normally liquid and normally solid hydrocarbons into a light fraction comprising mainly C_{18}-hydrocarbons~~, preferably the light fraction comprising at least 90 %wt, more preferably at least 95 %wt, of C_{18}-hydrocarbons,~~ and one or more heavy fractions comprising the remaining hydrocarbons~~,~~;
hydrogenating ~~hydrogenation of~~ at least part of the light fraction to convert unsaturated hydrocarbons and/or oxygenates into saturated hydrocarbons~~,~~;
distilling ~~distillation of~~ product thus obtained into at least one fraction comprising detergent hydrocarbons~~,~~;
dehydrogenating ~~dehydrogenation of~~ at least part of the detergent hydrocarbons to obtain a detergent hydrocarbon stream comprising mono-olefins; and,
converting ~~conversion of~~ the mono-olefins into detergents.

2. (Canceled)

3. (Currently Amended) The ~~A~~ process of ~~according to~~ claim 1 ~~or 2~~, in which the light fraction comprises mainly~~, preferably 90 %wt, more preferably 95 %wt,~~ C_{16}-hydrocarbons~~, more especially mainly, preferably 90 %wt, more preferably 95 %wt, C_{14}-hydrocarbons~~.

4. (Currently Amended) The ~~A~~ process ~~according to any~~ of claims 1 ~~to 3~~, further comprising separating ~~in which~~ the hydrocarbonaceous product stream of the Fischer-Tropsch process~~, before separation into the light fraction and the~~

~~heavy fraction, is separated~~ into a light stream, comprising ~~most, suitably at least 80 %wt, preferably 90 %wt, more preferably 95 %wt,~~ at least 80 wt% of ~~the~~ C_1-C_4 hydrocarbons produced in the Fischer-Tropsch process~~, especially the light product stream comprising most, suitably at least 80 %wt, preferably 90 %wt, more preferably 95 %wt, of the C_1-C_3 hydrocarbons produced in the Fischer-Tropsch process,~~ and optionally unconverted synthesis gas constituents, carbon dioxide and other inert gasses, and a heavy stream which is separated into the light fraction and the heavy fraction.

5. (Currently Amended) The ~~A~~ process ~~according to any~~ of claims 1~~, to 4, in which process also a light product is removed~~ further comprising removing a light product stream from the hydrocarbonaceous product stream from the Fischer-Tropsch process or the light stream, wherein the light product stream comprises ~~containing~~ mainly ~~the~~ C_7-products~~, preferably the C_8-products, more preferably the C_9-products,~~ present in the stream.~~ , especially the light product comprising at least 90 %wt, more preferably at least 95 %wt, of the C_7-products present, more especially the light product comprising at least 90 %wt, preferably at least 95 %wt, of the C_8-products present, still more especially the light product comprising at least 90 %wt, more preferably at least 95 %wt, of the C_9-products present.~~

6. (Currently Amended) The ~~A~~ process ~~according to any~~ of claims 1 ~~to 5~~, in which the light fraction ~~which is to be hydrogenated~~ comprises at least 80 wt% ~~mainly~~ C_9- to C_{18}-hydrocarbons~~, preferably at least 80 %wt C_9- to C_{18}-hydrocarbons, more preferably at least 90 %wt, especially the light fraction comprises mainly C_{10}- to C_{13}-hydrocarbons, preferably at least 80 %wt C_{10}-to C_{13}-hydrocarbons, more preferably at least 90 %wt, or the light fraction comprises mainly C_{14}- to C_{17}-hydrocarbons, preferably at least 80 %wt C_{14}- to C_{17} hydrocarbons, more preferably at least 90 %wt, the distillation of the hydrogenated hydrocarbons being an optional feature.~~

7. (Currently Amended) The ~~A~~ process ~~according to any~~ of claims 1 ~~to 6~~, in which converting ~~the conversion of~~ the mono-olefins into detergents comprises at least one step selected from the group consisting of:

- alkylating ~~alkylation~~ with benzene or toluene optionally followed by sulfonating ~~sulfonation~~ and neutralizing ~~neutralisation~~;
- alkylating ~~alkylation~~ with phenol followed by at least one step selected from the group consisting of alkoxylating, sulfonating and neutralizing, sulfating and neutralizing and alkoxylating ~~alkoxylation, sulfonation and neutralisation, sulfation and neutralisation or alkoxylation~~ combined with oxidizing ~~oxidation~~;
- hydroformylating ~~hydroformylation~~ optionally followed by at least one step selected from the group consisting of alkoxylating, glycosylating, sulfating, phosphatizing and ~~alkoxylation, glycosylation, sulfation, phosphatation or~~ combinations thereof
- sulfonating ~~sulfonation~~;
- epoxidizing ~~epoxidation~~;
- hydrobrominating ~~hydrobromination~~ followed by aminating and oxidizing ~~amination~~ and ~~oxidation~~ to amine oxide; and
- phosphonizing ~~phosphonation~~.

8. (Currently Amended) The ~~A~~ process of claim 1, further comprising ~~for the preparation of detergents and hydrocarbon fuels from the product stream of a Fischer-Tropsch process, comprising a process as described in any of claims 1 to 7 for the preparation of detergents from a light fraction of the Fischer-Tropsch process in combination with the~~ hydrocracking/~~hydroisomerisation~~ hydroisomerizing ~~of~~ the one or more heavy fractions of the Fischer-Tropsch process.

9. (Currently Amended) A process for the preparation of detergent hydrocarbons comprising separating ~~the~~ a hydrocarbonaceous product stream of a Fischer-Tropsch process producing normally liquid and normally solid hydrocarbons into a light fraction comprising mainly C_{18}-hydrocarbons, ~~preferably C_{16}-, more preferably C_{14}-hydrocarbons,~~ and one or more heavy fractions comprising the remaining hydrocarbons, hydrogenating ~~hydrogenation~~

~~of~~ the light fraction to convert unsaturated hydrocarbons and/or oxygenates into saturated hydrocarbons, distilling ~~distillation of~~ product thus obtained into at least one fraction comprising detergent hydrocarbons and optionally one or more reject streams and optionally dehydrogenating ~~dehydrogenation of~~ at least part of the detergent hydrocarbons to obtain a detergent hydrocarbon stream comprising mono-olefins.

10. (Currently Amended) The ~~A~~ process ~~according to~~ of claim 9, in which any one or more reject streams in the process for the preparation of detergent hydrocarbons are used as additional feedstreams in ~~the~~ a process for ~~the~~ preparation of fuels.

11. (Currently Amended) The ~~A~~ process of claim 9, further comprising ~~for the preparation of detergent hydrocarbons and hydrocarbon fuels from the product stream of a Fischer-Tropsch process, comprising a process as described in claim 9 or 10 for the preparation of detergent hydrocarbons from a light fraction of the Fischer-Tropsch process in combination with the~~ hydrocracking/~~hydroisomerisation of~~ hydroisomerizing the heavy product stream of the Fischer-Tropsch process.

12. (Currently Amended) A process for the preparation of detergents comprising dehydrogenating ~~dehydrogenation of~~ detergent hydrocarbons to obtain a detergent hydrocarbon stream comprising mono-olefins and converting ~~conversion of~~ the mono-olefins into detergents, wherein the detergent hydrocarbons are ~~being~~ prepared by a process comprising separating the product stream of a Fischer-Tropsch process into a light fraction comprising mainly C_{18}-hydrocarbons, ~~preferably C_{16}-, more preferably C_{14}-hydrocarbons,~~ and a heavy fraction comprising ~~the~~ remaining hydrocarbons, hydrogenating ~~hydrogenation of~~ the light fraction to convert unsaturated hydrocarbons and/or oxygenates into saturated hydrocarbons, and, distilling ~~distillation of~~ product thus obtained into at least one fraction comprising detergent hydrocarbons.

13. (New) The process of claim 1, in which the light fraction comprises at least 90 wt% of C_{18} hydrocarbons.

14. (New) The process of claim 1, in which the light fraction comprises at least 90 wt% of C_{16} hydrocarbons.

15. (New) The process of claim 1, in which the light fraction comprises at least 90 wt% of C_{14} hydrocarbons.

16. (New) The process of claim 4, in which the light stream comprises at least 80 wt% of C_1-C_3 hydrocarbons produced in the Fischer-Tropsch process.

17. (New) The process of claim 5, in which the light product stream comprises at least 90 wt% of C_7 products.

18. (New) The process of claim 1, in which the light fraction comprises at least 80 wt% C_{14} to C_{17} hydrocarbons.

19. (New) The process of claim 7, further comprising hydrocracking/hydroisomerizing the one or more heavy fractions of the Fischer-Tropch process.

20. (New) The process of claim 19, in which the light fraction comprises at least 80 wt% C_{14} to C_{17} hydrocarbons.